

A. LECTURE NUMBER: MOS 6114/6174 A.01

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SUPPORT/SPECIAL EQUIPMENT.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper operation and maintenance procedures of shop support/special equipment used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. Tow tractor.
2. NC-10 power cart.
3. Corrosion control cart.
4. B-1, B-2, B-4 and B-5 aircraft maintenance platforms.
5. 3000 trailer.
6. Ground handling wheels.
7. NT-4A tow bar.

H. REFERENCES:

1. NA 19-600-19-6-1.
2. NA 19-600-175-6-1.
3. NA 00-ADT-96.
4. NA 19-600-76-6-1.
5. NA 19-15AA-7.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and maintenance procedures of support and special equipment used on the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (5).
 - b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The proper operation and maintenance procedures of support and special equipment used on the UH/AH-1 aircraft.

K. Questions and answers:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

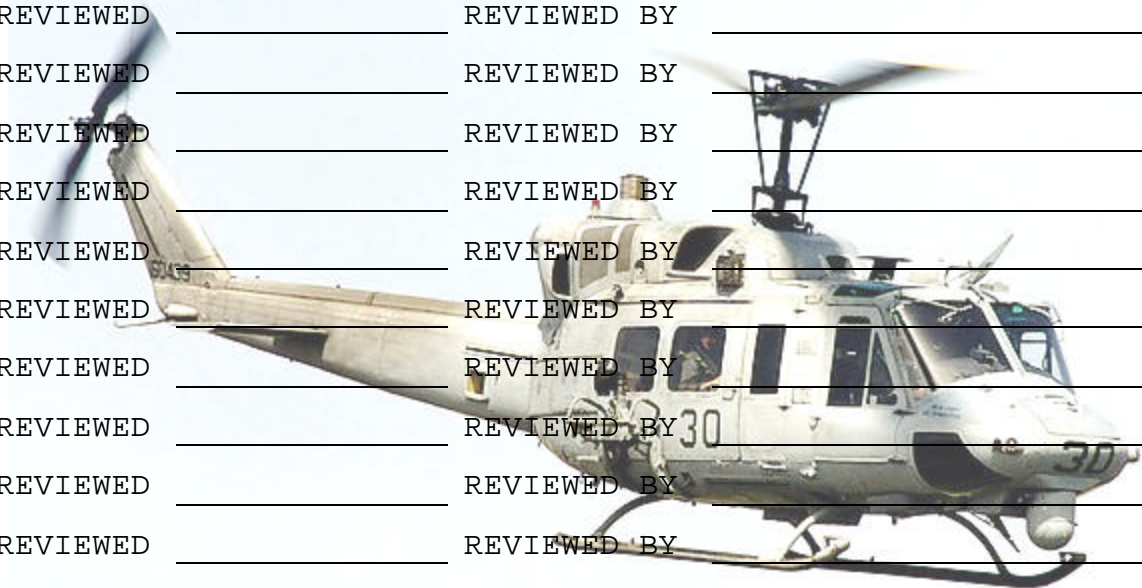
UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 A.02

SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 A.02

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper safety precautions and procedures around the UH/AH-1 aircraft and work center.

G. INSTRUCTIONAL AIDES:

1. UH/AH-1 aircraft.
2. Applicable publications.
3. Applicable PPE.

H. REFERENCES:

1. Marine Corps Common Skills Handbook.
2. Wing, group, Squadron NAMSOPS.
3. NA 01-1A-509.
4. NA A1-NAOSH-SAF-000/P5100-1.
5. OSHA 29 CFR 1910.
6. SAF-000/P5100-1.
7. OPNAVINST 4790.2_.
8. DOD 4140.27-M.
9. NA 01-1A-17.
10. NA 17BAD-1.
11. NA 00-80T-113.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper safety precautions and procedures around the UH/AH-1 aircraft and work center.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (11).
 - b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. The proper safety precautions and procedures around the UH/AH-1 aircraft and work center.

K. QUESTIONS:

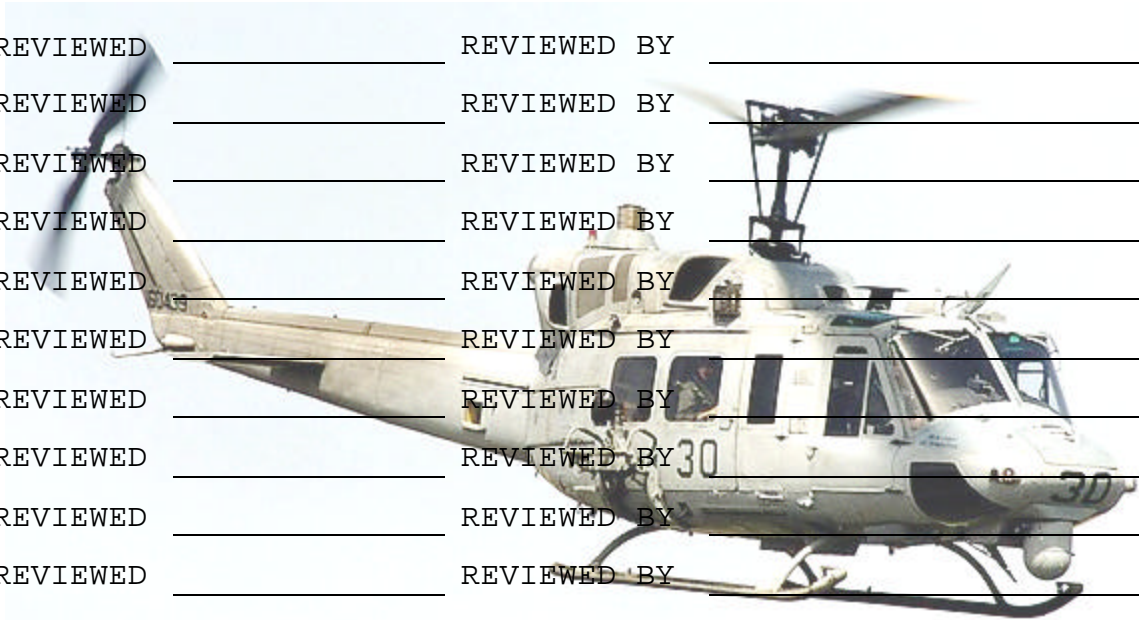
Ask a minimum of three questions pertaining to the subject of this lesson guide.

UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 A.03

AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

	YR/MO/DAY		NAME/RANK
DATE REVIEWED	_____	REVIEWED BY	_____
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A. LECTURE NUMBER: MOS 6114/6174 A.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with aircraft publications, diagrams, sketches and drawings used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. NA 00-25-100.
3. NA 01-1A-8.
4. OSHA 19 CFR 1910.
5. NA A1-NAOSH-SAF-000/P5100-1.
6. NA 15-01-500.
7. NA 15-02-500.
8. NA 00-80T-96.
9. NA 01-XXXXX-(x)-2.
10. NA 01-XXXXX-1.
11. NA 01-XXXXX-(x)-4.
12. NA 01-XXXXX-(x)-6-(x).
13. NA 17-600 series.
14. NA 19-600 series.
15. NA 01-110HCE-8.
16. NA 02B-20AA-4.
17. NA 02B-20AA-6-1.
18. NA 01-XXXXX-2-1.
19. NA 01-1A-17.
20. NA 01-1A-24.
21. NA 01-1A-50.
22. NA 01-1A-509.
23. NA 17-1-114.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on aircraft publications, diagrams, sketches and drawings used for the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (23).
 - b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. Aircraft publications, diagrams, sketches and drawings used for the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 A.04

PRECISION MEASURING EQUIPMENT (PME)

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 A.04

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: PRECISION MEASURING EQUIPMENT (PME)

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with Precision Measuring Equipment (PME) used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. Dial indicator.
2. Feeler gauge.
3. Blade protractor.
4. Depth micrometer.
5. Torque wrench.
6. Vibration analysis equipment.
7. Strobex/vibrex kit.
8. Inside/outside micrometer.
9. Blade scope.
10. Direct reading gauges.
11. Push/pull gauge.
12. Powerdyne.

H. REFERENCES:

1. NA 01-H1AAC-(x)-2.
2. NA 01-110HCE-(x)-2.
3. Applicable operators manuals.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and usage of Precision Measuring Equipment (PME) used for the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (3).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Precision Measuring Equipment (PME) used for the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

A. LECTURE NUMBER: MOS 6114/6174 A.05

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: HELICOPTER GROUND TAXIING

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with Helicopter ground taxiing procedures used with the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable PPE.
2. Night wands.

H. REFERENCES:

1. NA 01-H1AAC-(x)-1.
2. NA 01-110HCE-(x)-1.
3. Local instructions.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper procedures for conducting helicopter ground taxiing for the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (3).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Helicopter ground taxiing used for the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

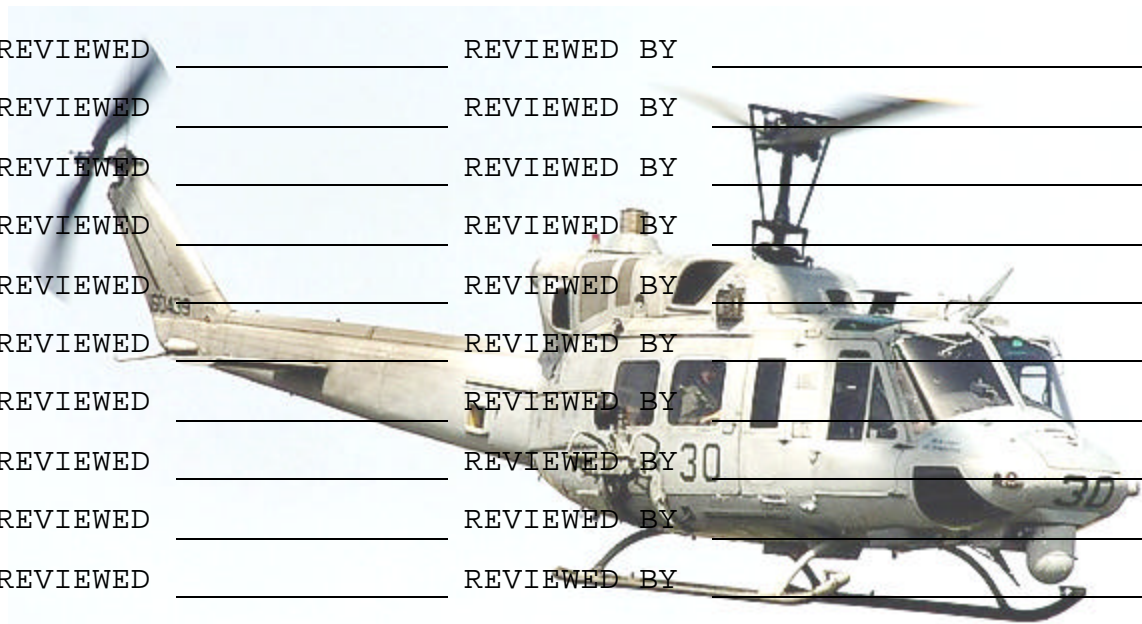
UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 A.06

TYPES AND DESIGNATIONS OF FUELS AND LUBRICANTS

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 A.06

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: TYPES AND DESIGNATIONS OF FUELS AND LUBRICANTS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the types and designations of fuels and lubricants used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES :

1. UH/AH-1 aircraft.
2. Applicable PPE.
3. Applicable fuels/lubricants.

H. REFERENCES:

1. NA 01-H1AAC-(x)-1.
2. NA 01-110HCE-(x)-1.
3. Local instructions.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper types and designations of fuels and lubricants used on the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) thru (3).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Types and designations of fuels and lubricants used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

A. LECTURE NUMBER: MOS 6114/6174 A.07

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: UH-1N/AH-1W LOADEX PROCEDURES.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the UH-1N/AH-1W loadex procedures used for the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. UH/AH-1 aircraft.

H. REFERENCES:

1. NA 01-H1AAC-9.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper UH-1N/AH-1W loadex procedures. used for the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. UH-1N/AH-1W loadex procedures. used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 B.01

TECHNICAL DIRECTIVES CHANGES/BULLETINS

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: TECHNICAL DIRECTIVES CHANGES/BULLETINS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the purpose and implementation of organizational level technical directives changes/bulletins used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. NAVAIRINST 5215.10.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the purpose and implementation of organizational level technical directives changes/bulletins used on the UH-1N aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) and (2).
 - b. Demonstrate the proper procedures for reading and incorporating a technical directive.
 - c. Demonstrate the proper procedures for VIDS/MAF documentation of a technical directive.

J. SUMMARY: During this period of instruction we have covered:

1. The purpose and implementation of organizational level technical directives changes/bulletins used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

A. LECTURE NUMBER: MOS 6114/6174 B.02

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: CORROSION DETECTION AND CONTROL

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance level maintenance procedures for corrosion detection and control used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft.
2. AH-1W aircraft.
3. Applicable publications.

H. REFERENCES:

1. NA 01-1A-509.
2. NA 17-1-125.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the organizational level maintenance procedures for corrosion detection and control used on the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) and (2).
 - b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for corrosion detection and control used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

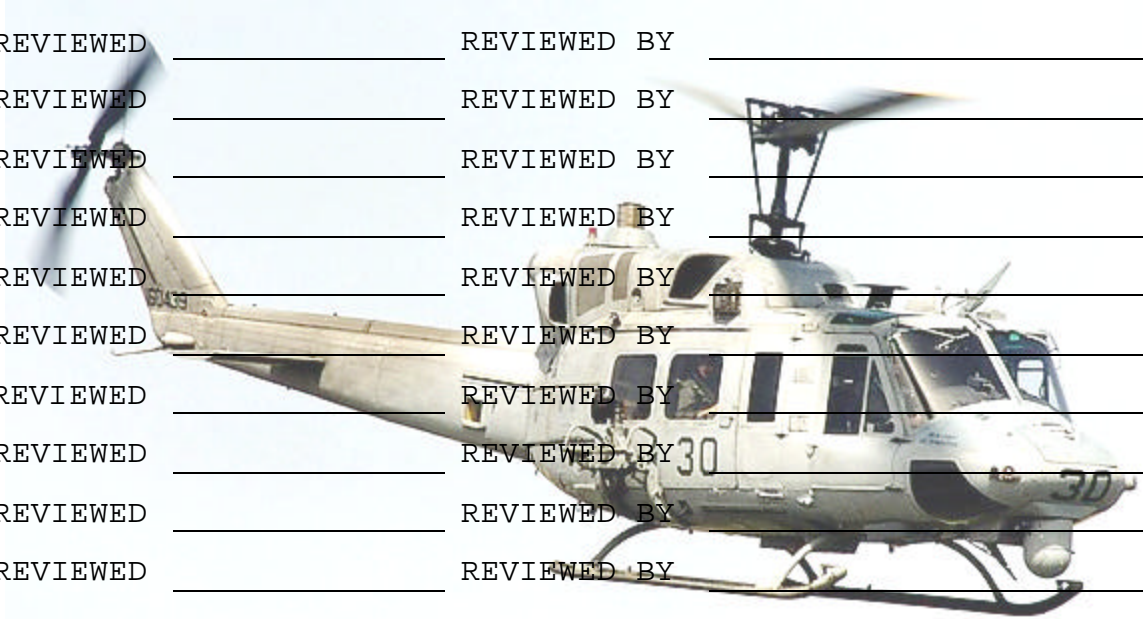
UH/AH-1 MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH/AH-1 MOS 6114/6174 B.03

OIL AND FUEL SAMPLING

YR / MO / DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: OIL AND FUEL SAMPLING

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance level maintenance procedures for oil and fuel sampling used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft.
2. AH-1W aircraft.
3. Applicable publications.
4. Applicable PPE

H. REFERENCES:

1. NA 01-XXXXXXX(X)-1.
2. NA 01-XXXXXXX(X)-2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the organizational level maintenance procedures for oil and fuel sampling used on the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) and (2).
 - b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for oil and fuel sampling used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

A. LECTURE NUMBER: MOS 6114/6174 B.04

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AIRCRAFT REFUELING/DEFUELING

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance level maintenance procedures for aircraft refueling/defueling procedures used on the UH/AH-1 aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft.
2. AH-1W aircraft.
3. Applicable publications.
4. Applicable PPE

H. REFERENCES:

1. NA 01-XXXXXXX(X)-1.
2. NA 01-XXXXXXX(X)-2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the organizational level maintenance procedures for aircraft refueling/defueling procedures used on the UH/AH-1 aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference(s) (1) and (2).
 - b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for aircraft refueling/defueling procedures used on the UH/AH-1 aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

UH-1N MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH-1N MOS 6114/6174 B.05

SCHEDULED AND UNSCHEDULED INSPECTIONS

6114 / 6174

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.05

B. TIME: 1 HOUR

C. DATE PREPARED: 04 May. 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SCHEDULED AND UNSCHEDULED INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the scheduled and unscheduled inspections used on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft.
2. Applicable publications.

H. REFERENCES:

1. NA 01-110HCE-2-3.
2. NA 01-110HCE-6-2.
3. NA 01-110HCE-6-3.
4. NA 01-110HCE-6-4.
5. NA 01-110HCE-2-3.1.
6. NA 15-01-500.
7. OPNAVINST 4790.2.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the scheduled and unscheduled inspections used on the UH-1N aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference (1) thru (7).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the scheduled and unscheduled inspections used on the UH-1N aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

A. LECTURE NUMBER: MOS 6114/6174 B.06

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: CYCLIC CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the cyclic control system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the cyclic control system used on the UH-1N aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the cyclic control system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.07

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: COLLECTIVE CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the collective control system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the collective control system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the collective control system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.08

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: ANTI-TORQUE CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the anti-torque control system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the anti-torque control system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the anti-torque control system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

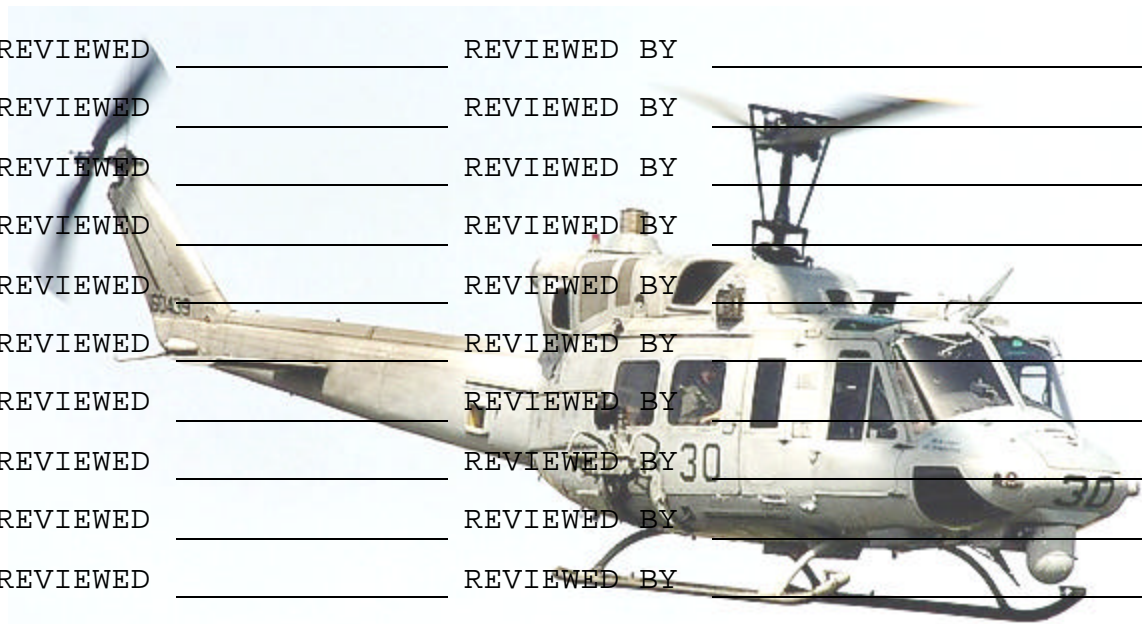
UH-1N MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH-1N MOS 6114/6174 B.09

MAIN ROTOR SYSTEM

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.09

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: MAIN ROTOR SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the main rotor system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-6.
2. NA 01-110HCE-24.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the main rotor system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1) and (2).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the main rotor system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.10

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: TAIL ROTOR SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the tail rotor system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-6.
2. NA 01-110HCE-24.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the tail rotor system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1) and (2).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the tail rotor system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

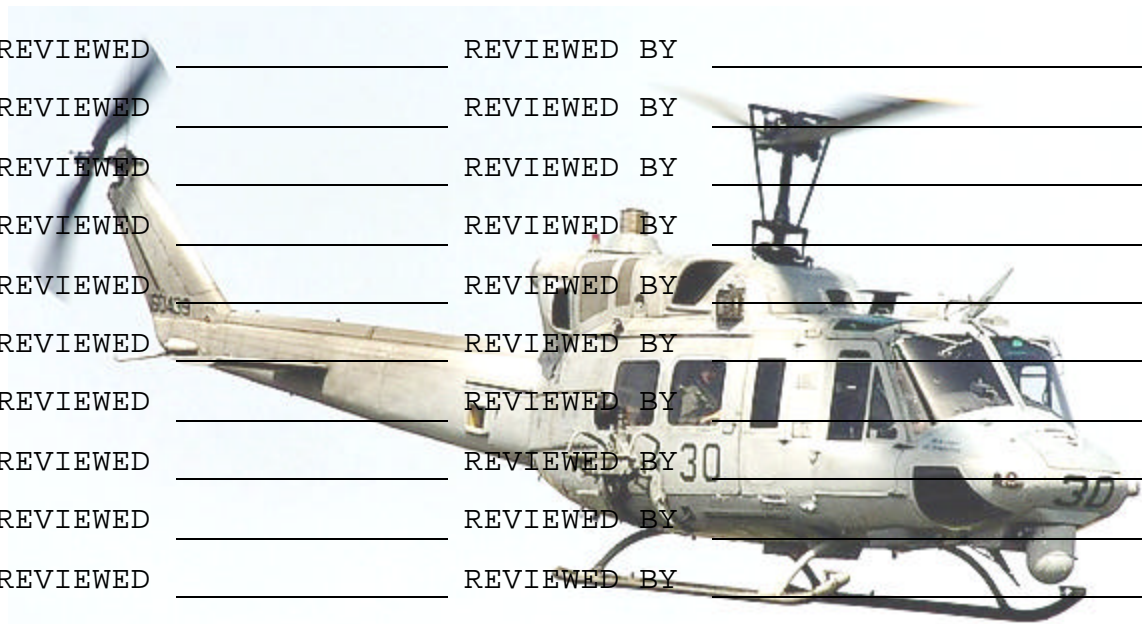
UH-1N MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH-1N MOS 6114/6174 B.11

POWER PLANT & RELATED SYSTEMS

YR / MO / DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.11

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: POWER PLANT & RELATED SYSTEMS.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the power plant & related systems on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the power plant & related systems used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the power plant & related systems used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.12

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: POWER TRAIN SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the power train system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-4.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the power train system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the power train system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

UH-1N MAINTENANCE TRAINING

LESSON GUIDE NUMBER UH-1N MOS 6114/6174 B.13

TAIL ROTOR DRIVE SYSTEM (AFC-339)

YR / MO / DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.13

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: TAIL ROTOR DRIVE SYSTEM (AFC-339).

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the tail rotor drive system (AFC-339) on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-4.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the tail rotor drive system (AFC-339) used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the tail rotor drive system (AFC-339) used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.14

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: OIL COOLER SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the oil cooler system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the oil cooler system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the oil cooler system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.15

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: FUEL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the fuel system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the fuel system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the fuel system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.16

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: UTILITY SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the utility system on the UH-1N aircraft.

G. INSTRUCTIONAL AIDES:

1. UH-1N aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-110HCE-2-7.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the utility system used on the UH-1N aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the utility system used on the UH-1N aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

AH-1W MAINTENANCE TRAINING

~~LESSON GUIDE NUMBER AH-1W MOS 6114/6174 B.17~~

SCHEDULED AND UNSCHEDULED INSPECTIONS

	YR/MO/DAY		NAME/RANK
DATE REVIEWED	_____	REVIEWED BY	_____
DATE REVIEWED	_____	REVIEWED BY	_____
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DATE REVIEWED	_____	REVIEWED BY	_____
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DATE REVIEWED	_____	REVIEWED BY	_____
DATE REVIEWED	_____	REVIEWED BY	_____

A. LECTURE NUMBER: MOS 6114/6174 B.17

B. TIME: 1 HOUR

C. DATE PREPARED: 04 May. 2004

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SCHEDULED AND UNSCHEDULED INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the scheduled and unscheduled inspections used on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft.
2. Applicable publications.

H. REFERENCES:

1. NA 01- H1AAC-2-16.
2. NA 01-H1AAC-6-3.
3. NA 01- H1AAC-6-4.
4. NA 15-01-500.
5. OPNAVINST 4790.2.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the scheduled and unscheduled inspections used on the AH-1W aircraft.
2. In addition to a thirty minute presentation,
 - a. Read and discuss the pertinent section(s) of reference (1) thru (5).
 - b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the scheduled and unscheduled inspections used on the AH-1W aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

~~AH-1W MAINTENANCE TRAINING~~

~~LESSON GUIDE NUMBER AH-1W MOS 6114/6174 B.18~~

CYCLIC CONTROL SYSTEM

YR/MO/DAY

NAME / RANK

[illegible]

A. LECTURE NUMBER: MOS 6114/6174 B.18

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: CYCLIC CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the cyclic control system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the cyclic control system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the cyclic control system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.19

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: COLLECTIVE CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the collective control system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the collective control system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the collective control system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.20

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: ANTI-TORQUE CONTROL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the anti-torque control system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-5.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the anti-torque control system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the anti-torque control system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.21

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: MAIN ROTOR SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the main rotor system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-6.
2. NA 01-1A-24.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the main rotor system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1) and (2).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the main rotor system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.22

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: TAIL ROTOR SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the tail rotor system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-7.
2. NA 01-1A-24.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the tail rotor system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1) and (2).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the tail rotor system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.23

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: POWER PLANT & RELATED SYSTEMS.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the power plant & related systems on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-3.1.
2. NA 01-H1AAC-2-3.2.
3. NA 01-H1AAC-2-3.3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the power plant & related systems used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1) thru (3).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the power plant & related systems used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.24

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: POWER TRAIN SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the power train system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-4.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the power train system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the power train system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.24

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: POWER TRAIN SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the power train system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-4.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the power train system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the power train system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.26

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: FUEL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the fuel system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-3.3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the fuel system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the fuel system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.

A. LECTURE NUMBER: MOS 6114/6174 B.27

B. TIME: 1 HOUR

C. DATE PREPARED: 01 May 2004

D. DATE REVIEWED: On separate sheet

E. TITLE OF LECTURE: AUXILIARY FUEL SYSTEM.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the auxiliary fuel system on the AH-1W aircraft.

G. INSTRUCTIONAL AIDES:

1. AH-1W aircraft
2. Applicable publications

H. REFERENCES:

1. NA 01-H1AAC-2-3.3.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for the auxiliary fuel system used on the AH-1W aircraft.
2. In addition to a thirty-minute presentation,
 - a. Read and discuss the pertinent sections of reference(s) (1).
 - b. Demonstrate proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for the auxiliary fuel system used on the AH-1W aircraft.

K. Questions and answers:

Ask the student(s) a minimum of three questions pertaining to the information covered in the references.